

Item 9. Facilities and Equipment

A. User Storage and Security

User storage must be accomplished in secure, posted areas when CAMs/ACADAs are not in use. When in use, CAMs/ACADAs must remain under constant surveillance of authorized personnel at all times.

1. Posting of user storage areas shall be in accordance with the requirements of 10 CFR 20.1902 and 20.1903, as provided in paragraph E below.
2. Security of licensed material in user storage areas shall be in accordance with 10 CFR 20, Subpart I and this NRMP as follows:
 - a. User storage areas shall be secured against unauthorized access.
 - b. User storage areas shall be located so as to be free from danger of flooding and outside the danger radius of flammable and/or explosive materials.

B. Bulk Storage

1. Bulk storage of radioactive commodities is authorized at the Defense Distribution Centers in Albany, Georgia and Barstow, California under authority of the DLA NRC license 37-30062-01. No other bulk storage is authorized except as specifically approved by the LRSO and NAVSEADDET RASO.
2. As required by DRMD 902, Defense Distribution Centers shall process receipt, shipment, and transfer transactions as requested by Code 577-3, Supply Chain Management Center (SCMC), MARCORLOGBASES.

C. Maintenance Facilities

1. Maintenance facilities performing internal CAM maintenance and/or drift tube replacement shall have an operational liquid scintillation counting (LSC) system.
2. Areas in which internal maintenance is performed shall be surveyed for loose radioactive contamination at the end of each day after internal CAM maintenance is performed.
3. Posting of maintenance facility work and storage areas shall be in accordance with the requirements of 10 CFR 20.1902 and 20.1903, as provided in paragraph E below.
4. Security of licensed material in maintenance facility work and storage areas shall be in accordance with 10 CFR 20, Subpart I and this NRMP as follows:
 - a. Maintenance facility work and storage areas shall be secured against unauthorized access.
 - b. Maintenance facility work and storage areas shall be located so as to be free from danger of flooding and outside the danger radius of flammable and/or explosive materials.
 - c. Licensed material in maintenance facility work areas shall remain under the direct supervision of qualified personnel at all times.

D. Instrument Calibration

1. Calibration of Marine Corps radiation detection and analysis instrumentation, portable and fixed, may be performed at any facility approved for use by the U.S. Navy or Marine Corps. Marine Corps calibration facilities are located at MCLB Albany, GA; MCLB Barstow, CA; and 3D FSSG, Okinawa.
2. LSCs shall be calibrated annually at frequencies not to exceed 12 months.

a. Calibration should be accomplished in accordance with manufacturer recommendations, using NIST traceable standards of appropriate activity and geometry.

b. Calibration results shall be maintained indefinitely as part of the instrument performance log.

3. LSC performance shall be established and monitored each day the instrument is in use.

a. Daily performance testing shall be conducted using a NIST traceable Ni-63 check source.

b. Performance testing shall be accomplished in accordance with the requirements of ANSI Standard N42.15-1997, American National Standard Check Sources for and Verification of Liquid-Scintillation Counting Systems.

E. Posting. Radioactive commodity storage and maintenance areas will be posted with conspicuous signs in accordance with 10 CFR 20.1902, and shall include the following:

1. Signs required to be posted:

a. Warning sign(s) bearing the standard radiation symbol and the words "CAUTION, RADIOACTIVE MATERIAL".

b. Sign(s) bearing the words "NO EATING, DRINKING, or SMOKING".

c. NRC Form 3.

d. Energy Reorganization Act.

e. 10 CFR Parts 19, 20, 21, 30, and 71. *

f. Applicable NRMPs. *

g. Notices of violation, if applicable.

* In lieu of posting these documents, a notice may be posted in close proximity to the NRC Form 3 that describes the documents and where they may be found for review, and the appropriate POC with contact telephone number where reports can be made or additional information obtained.

2. Authorized exemptions to posting requirements in accordance with 10 CFR 20.1903. Rooms or areas in which RAM is used are not required to be posted if:

a. The room or area contains the RAM for periods of less than 8 hours, providing:

(1) The material is constantly attended

(2) The room or area is subject to the licensee's control. Vehicles with a mounted CAM/ACADA do not require posting if the CAM/ACADA is secured to the vehicle and the vehicle is in use, or parked inside a controlled, secure area during storage.